

# Christie LWU502 lens throw ratios

The following table details the information required to calculate the lens throw ratios for the Christie LWU502 projectors.

Lens	Throw distance formula		Vertical and horizontal offset	Diagonal screen sizes	
	Imperial (in)	Metric (cm)		Imperial (in)	Metric (cm)
1.4-2.3:1 1.6x manual zoom	TDmin= 1.3766 x W - 0.8038	TDmin = 1.3766 x W - 2.0409	+111.11% /0 V	30 to 300	76.2 to 762
	TDmax= 2.3562 x W - 0.9078	TDmax = 2.3562 x W - 2.3057	+12.75% /-12.57% H		

- Throw distance measured from the center of the front foot of the projector.
- The lens is installed in the projector and is not replaceable.
- Calculated throw distance (TD) values are subject to a +/- 10% tolerance for individual lens variation.
- Calculated offset values are subject to a +/- 7% centering tolerance.